CYPRESS
INTEGRATION SOLUTIONS

SPX-7400/10

Suprex® Reader Extender - Fiber Optic Interface

Product Sheet

SPX-7400 shown with EXP-2000

MADE IN USA

FC

RoHS

Suprex® SPX-7400 Series

This manual covers the operation and setup of the Cypress Suprex® Fiber Optic SPX-7400 series units.

Overview:

The SPX-7400 series of Fiber Optic solutions provides a bridge from Card Readers with gates or door hardware to most access control manufacturers panels. The SPX or Suprex® products include both the remote (Door/Gate) unit and the central (AC Panel) unit.

Features:

-- Available in single mode or multi-mode
-- Includes complete solution with remote (reader/gate/door) and central (panel) interface.
-- Service mode for setup and configuration of Expansion modules.
-- Field configurable reader formats
-- Multifunction indicator for determining operational status of the unit
-- Auxiliary I/O connections available for Door/Gate/Panel status signaling.
-- Multiplexing of RF bridge providing for additional door/gate on a single Fiber link.
-- Economical expansion capabilities using Suprex® Lynk technology

Fiber Optic Specifications:

Module connections utilize standard "ST" style connections

NOTE: Single Mode or Multi Mode must be Specified at time of order.

SPX-7400 Multimode:	Loss Budget	13 dB	850 nm	62.5/125 Fiber
	Loss Budget	9 dB	850 nm	50.0/125 Fiber
SPX-7410 Single mode:	Loss Budget	20 dB	1300 nm	9/125 Fiber

Electrical and Mechanical Specifications

Physical	SPX-7400 - Aluminum Enclosure 4.45” x 3.08” x 2.0” (Each Unit)	
Temp	Storage(-55˚C to + 150˚C) Operating(-40˚C to +80˚C)	
Humidity	95% (non-condensing)	
Power	Input	Unreg Input 8 to 16 VDC* @ 300mA Max
	Output	+5VDC @100mA
Data I/O	Interface	Reader -Wiegand, Strobed (Clock & Data), F/2F LED - 0 - 30V
Relays	Max Switching	(220Vdc 30W (resistive) 1A)
		(250Vac 37.5VA 1A)
	Running Spec with load	(30Vdc 1A (resistive), 1 x 10^5 operations at 20° C
		125Vac .3A (resistive), 1 x 10^5 operations at 20° C

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